

ATTACHMENT E.5

ENVIRONMENTAL COMPLIANCE PLAN (ECP)

Project Name and Contract Number: COF20196, FY14 Lewis Field Storm Sewer System Repair,
Phase 1

Project Location and Description: GRC Lewis Field

Project Environmental Impact Description:

Project Schedule:

Project Points of Contact:

NASA Project Manager:

Phone:

Inspector:

Phone:

Quality Assurance:

Phone:

Prime Contractor:

Phone:

APPROVALS:

Toxic Substance Control Act (TSCA)

Print Name_____ Sign _____ Date_____

Resource Conservation Recovery Act (RCRA)

Print Name_____ Sign _____ Date_____

ATTACHMENT E.5

WASTE QUESTIONNAIRE

The questionnaire below is an estimate of the quantity of waste that is to be generated if you were to be awarded the task. It is to be included in your CPP for the task.

Environmental Media to be impacted by this project:

☐ Toxic Substance Control Act (TSCA)

- Asbestos (ACM)
 - Friable
 - Non-Friable

Polychlorinated Biphenyls (PCB's)

☐ Resource Conservation Recovery Act (RCRA)

Resource Conservation Recovery Act

Project Derived Solid Waste Management Plan

The following Project Derived Solid Waste Management Plan is designed to ensure compliance of U.S. Environmental Protection Agency (USEPA), Ohio Environmental Protection Agency (OEPA), local regulations, and NASA policy.

A Non-Solid Waste Manifest can be obtained from Waste Management for materials such as asphalt, concrete, construction and demolition debris (C&DD), etc. (see below for more). A list of licensed C&DD facilities can be found on the OEPA web site. Please note that even though a facility may be licensed this does not necessarily mean that they are approved.

Solid Waste is defined in 40 CFR 261.2. Typical materials generated onsite and treated as solid waste are: asbestos (non-friable and friable) from gaskets, insulation, transite panels, etc. and treated lumber used in construction. Non-hazardous solid waste generated onsite will need analytical data, waste characterization (profile), site acceptance, and a copy of the proposed Uniform Non-Hazardous Waste Manifest four weeks prior to shipment. A list of licensed Solid Waste facilities can be found on the OEPA web site. Please note that even though a facility may be licensed this does not necessarily mean that they are approved.

Hazardous waste is defined in 40 CFR 261.3. To ensure compliance, a separate written procedure may be required when generating hazardous waste. Examples of hazardous waste generated onsite include empty containers with residues, spent solvents, PPE, paint brushes, rollers, drop cloths, and off-spec chemicals. Hazardous waste generated onsite will need analytical data (MSDS in case of spent product containers), waste characterization (profile) and Land Disposal Restriction Forms (LDR), site acceptance, and a copy of the proposed Uniform Hazardous Waste Manifest four weeks prior to shipment. Shipments of hazardous waste must arrive at their destination the same day they leave GRC. Please schedule shipments with receiving facilities accordingly.

NOTE: Required documentation must be submitted to Waste Management Program Office (10) working days prior to scheduled off-site shipment date; materials to be delivered to Central Chemical Storage Facility (CCSF), Building 215, must be scheduled with Waste Management Program personnel in advance.

ATTACHMENT E.5

Solid Waste to be generated:

Requires NASA GRC Non-Solid Waste Manifest; include approximate volumes and/or pounds, soils require GRC Soil Determination Checklist:

<input type="checkbox"/>	Asphalt	pounds	cubic yards
<input type="checkbox"/>	C&DD	pounds	cubic yards
<input type="checkbox"/>	Concrete	pounds	cubic yards
<input type="checkbox"/>	Metal	pounds	cubic yards
<input type="checkbox"/>	Non-treated wood	pounds	cubic yards
<input type="checkbox"/>	Soil	pounds	cubic yards
<input type="checkbox"/>	Stone	pounds	cubic yards

Requires analytical data, waste characterization, site acceptance and Uniform Non-Hazardous Waste Manifest:

<input type="checkbox"/>	Asbestos Containing Material (describe):	pounds	cubic yards
<input type="checkbox"/>	Solid waste (trash)	pounds	cubic yards
<input type="checkbox"/>	Treated wood	pounds	cubic yards

Requires analytical data, waste characterization, site acceptance and Uniform Hazardous Waste Manifest:

Describe:

<input type="checkbox"/>	Hazardous waste	pounds	cubic yards
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Managed On-site

<input type="checkbox"/>	Cardboard	pounds	cubic yards
<input type="checkbox"/>	Lamps	ea	
<input type="checkbox"/>	Ballasts	ea	
<input type="checkbox"/>	Batteries	ea	
<input type="checkbox"/>	Hazardous Materials (describe):	pounds	cubic yards

Hazardous waste generated and stored at the construction site prior to off site shipment or delivery to the Central Chemical Storage Facility, Building 215, must comply with all applicable RCRA requirements concerning hazardous waste (40 CFR 261).